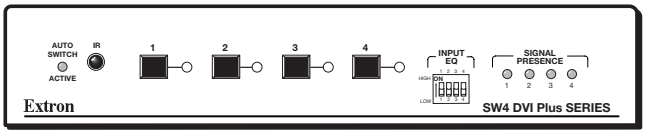
Setup Guide — SW DVI Plus Series



This guide provides basic instructions for setting up and operating the Extron SW DVI Plus and SW DVI A Plus Series switchers.

IMPORTANT:
Refer to www.extron.com for the complete user manual and installation instructions before connecting the product to the power source.

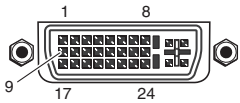
Installation

Step 1 — Mount the unit

Turn off or disconnect all equipment power sources and mount the switcher as required.

Step 2 — Connect video inputs

Connect source devices to one or more DVI video input connectors. Only single-link DVI-D signals are supported. If necessary, set the equalization DIP switches for each input to High (up) to compensate for a weak signal, or to Low (down), if all signals are strong.



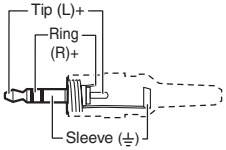
NOTE *These connectors are not compatible with HDCP signals.*

Step 3 — Connect video outputs

Connect a DVI-D display device to the DVI-I video output connector.

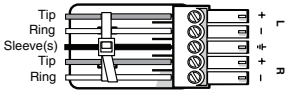
Step 4 — Connect audio inputs (SW DVI A Plus models only)

Plug the input devices' audio connectors into the 3.5 mm TRS audio input jacks for unbalanced audio. See the wiring diagram at right.

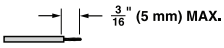


Step 5 — Connect audio outputs (SW DVI A Plus models only)

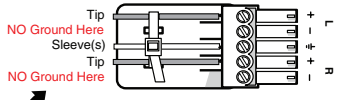
Connect the switcher's audio output to a suitable audio device. Wire the 5-pole connector as shown below.



Balanced Audio Output



Do not tin the wires!



Unbalanced Audio Output

CAUTION

For unbalanced audio, connect the sleeve(s) to the ground contact.
DO NOT connect the sleeve(s) to the negative (-) contacts.

Step 6 — Enable auto switching (optional)

SW2 and SW4 DVI Plus (non-audio) models:

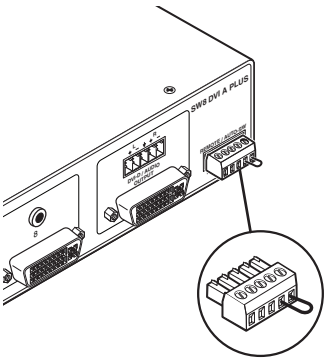
Enter one of the following Simple Instruction Set (SIS™) commands via the RS-232 interface:

- **2#**, to select auto switch mode
- **1#**, to select normal switch mode

For explanations of all SIS commands, refer to chapter 4 of the *SW DVI Plus Series User's Manual*.

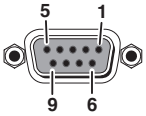
All other models:

Use a jumper wire to connect pins 4 and 5 of one of the provided 5-pin captive screw plugs. Insert the plug into the Remote/Auto-SW shared connector as shown at right.

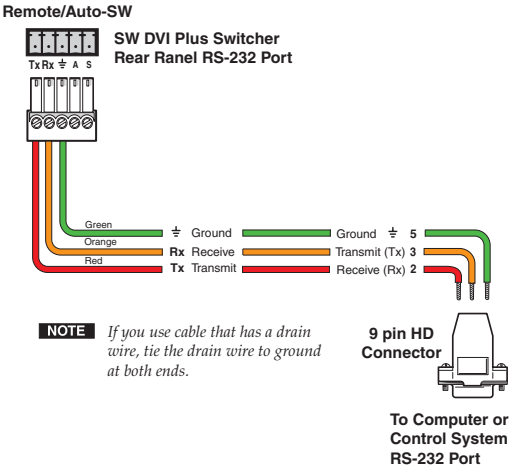


(Continued on reverse side)

Step 7 — Connect RS-232

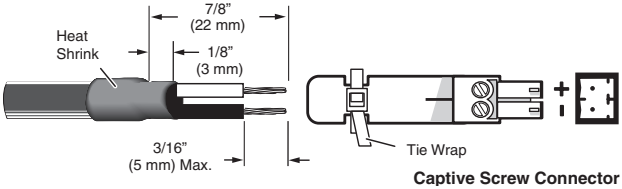


- **SW2 and SW4 DVI Plus (non-audio) models:** Connect an RS-232 cable from your computer to this female 9-pin D connector. Protocol for this port is 9600 baud, 8 data bits, 1 stop bit, no parity. Wire the connector as follows: pin **2** = Tx, pin **3** = Rx, pin **5** = Gnd.
- **All other models:** Connect a bare wire-to-female 9-pin D RS-232 cable to pins 1, 2, and 3 of one of the 5-pole captive screw plugs. Insert the plug into the Remote/Auto-SW shared connector, and connect the cable to the computer's serial port. See the illustration at right.



Step 8 — Wire power connector

If using a different 12 V, 1 A external power supply from the one that is included (already wired), attach the provided two-pole captive screw connector to the power supply as shown below.



Step 9 — Power on

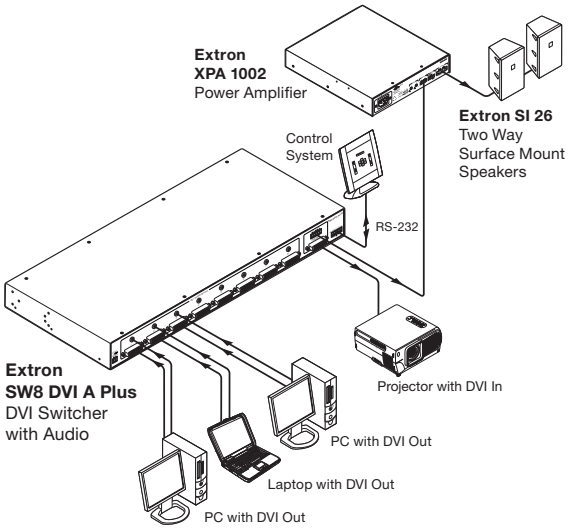
a. Power on the output display.

b. Apply power to the switcher.

c. Power on the input devices.

Application Diagram

The figure at right provides an example of how an SW8 DVI Plus switcher may be connected.



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